



# 2018 Smoke Monitoring

California Air Resources Board  
Incident Air Monitoring Section

# Rx Fire Air Monitoring

- 6 Prescribed Fires Monitored to Date
  - Georgetown Divide
  - Lyon Ranch
  - TNC
  - Grant Ranch
  - Doaks
  - Van Vleck

# Rx Fire Air Monitoring Status

- Pilot Program Phase
- Letter from California State Assembly
- Governors Executive Order EO B-52-18
  - #8 ARB, Local Districts, CALFIRE
  - #9 Public Online Clearing House for Rx Burns
- MOU with ARB and CALFIRE
- PFIRS as main site for SMP
- Routine Call Now With CALFIRE
- Shared Google Drive

# 2018 Wildland Fire Potential Map

July



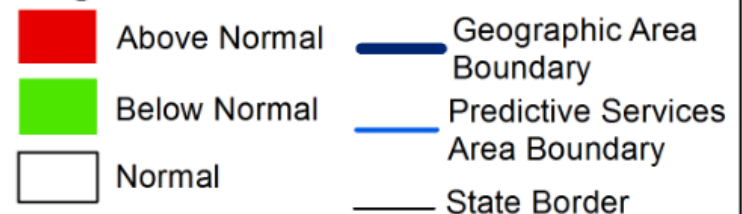
August



September



## Significant Wildland Fire Potential





## Inland Region Operational Area Assignments

As of February 20, 2018



### Inland Region Branch

630 Sequoia Pacific Blvd., MS 31  
Sacramento, CA 95811  
(916) 657-9210 Mainline  
(916) 657-9153 Fax

### Ron Quigley

Interim Regional Administrator  
(530) 841-2177 Office  
(530) 526-0922 Cell









### Ken Bobinski

Deputy Regional Administrator  
(916) 657-9554 Office  
(916) 642-3014 Cell

### Patti Tran

Interim Deputy Regional Administrator  
(916) 657-9264 Office  
(916) 709-3497 Cell

### Emergency Services Coordinators

	Robert Goyeneche	(916) 694-9906 Cell
	Lindsey Stanley	(916) 995-9372 Cell
	Kim Nielsen	(916) 616-1403 Cell
	Kyle Noderer	(916) 709-5492 Cell
	Elsy Votino	(916) 869-2766 Cell
	Dana Ellis	(916) 205-8920 Cell
	Walt Kent	(916) 396-9292 Cell
	Terri Mejorado	(559) 259-9890 Cell

### Law Coordinators

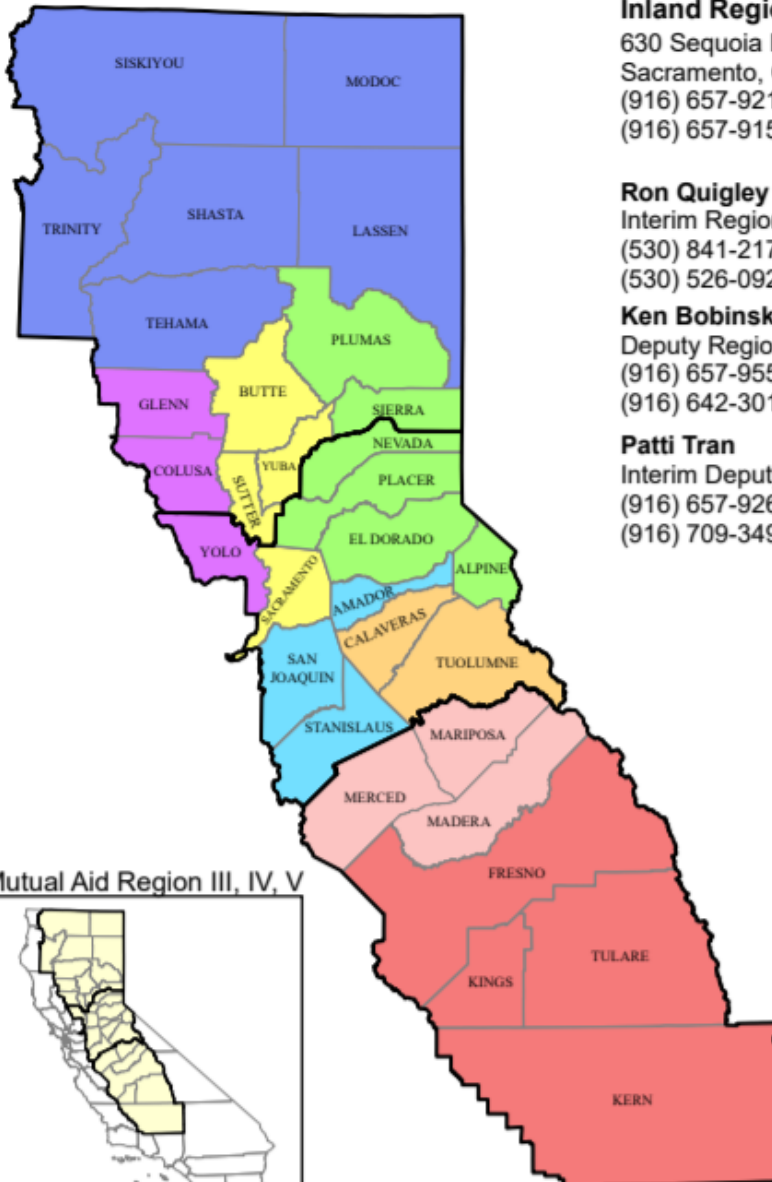
Reg III	Troy Clegg	(916) 531-5456 Cell
Reg IV	Eric Broughton	(916) 531-5948 Cell
Reg V	Dennis Smithson	(916) 317-0397 Cell
	Jared McCormick	(916) 531-2711 Cell

### Fire Coordinators

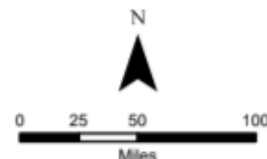
Reg III	Ken Hood	(916) 642-3887 Cell
Reg IV	Corey Zander	(916) 712-6771 Cell
Reg V	Bill Bondshu	(559) 284-1580 Cell
	Javier Lara	(559) 412-1016 Cell

### Communications Coordinators

Reg III	Mike Beckstrand	(916) 838-1193 Cell
Reg IV	George Lowry	(916) 275-7371 Cell
Reg V	Ben Green	(916) 275-7421 Cell



Mutual Aid Region III, IV, V



# Response Coordination

- Daily intelligence gathering (email & phone)
  - InciWEB, CALFIRE, USFS, Media, Twitter, PFIRS, [firetracker.scpr.org](http://firetracker.scpr.org)
- 1300hrs Smoke Call
  - AQ outlooks (regional reports, weather forecasts)
- 1400hrs Monitoring Call (decisions made)
  - Affected districts, ARA, ARB
  - Districts needs
  - Coordinate activities (12hr to 96hr)
  - Weekend and Resource Staffing (Thurs)
- Weekly Cal/EPA Call (Tuesday @0900)

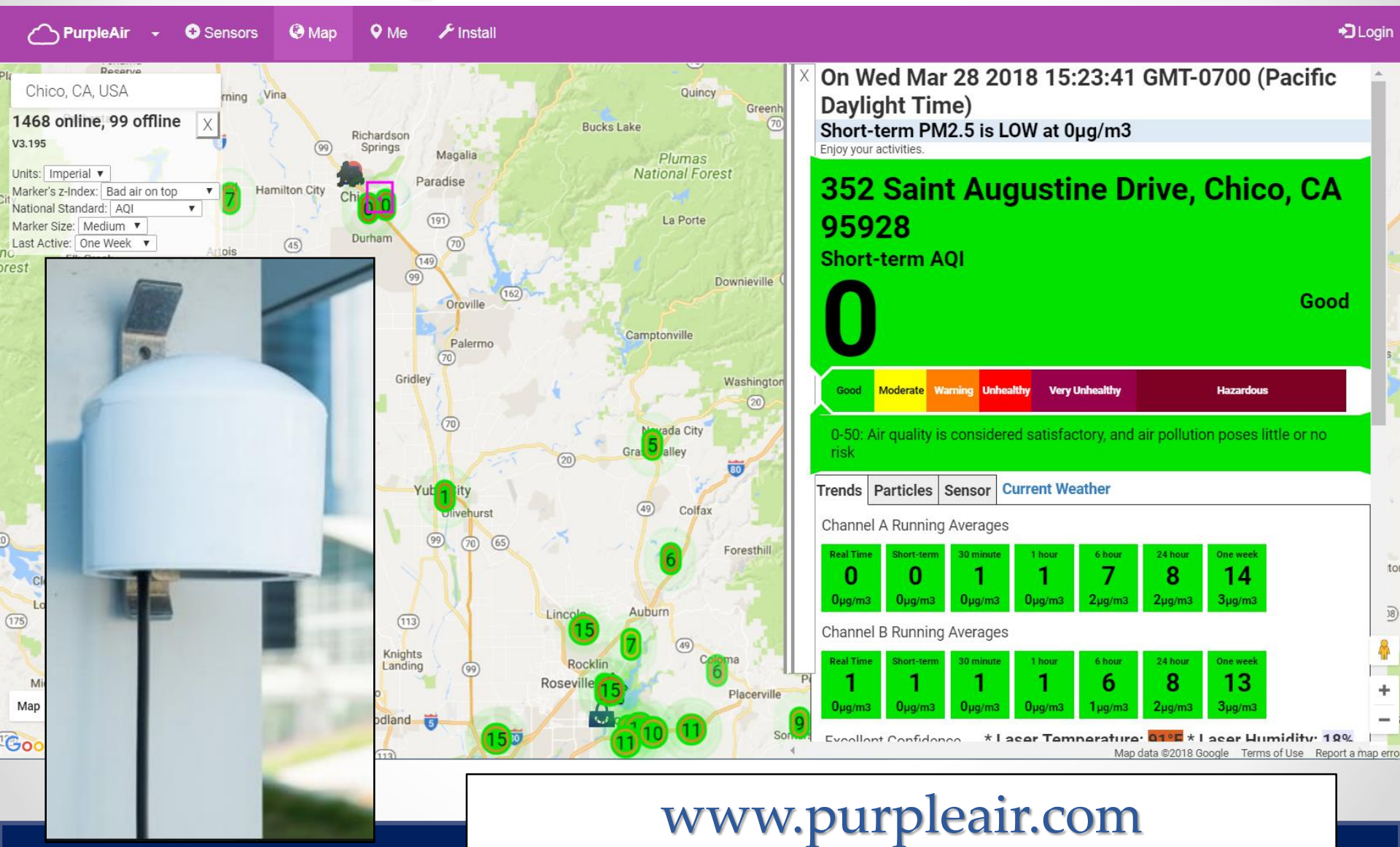
# Smoke Sensor Networks

## Create an advanced smoke sensing network:

- Inexpensive new technologies can complement existing monitoring networks.
- Increase coverage and identify locations requiring additional monitoring focus during wildland fires.
- Will not replace traditional monitors (EBAMs).
- Collect indoor vs. outdoor measurements.
- Monitoring at schools (sensitive receptors):
  - ✓ Existing infrastructure (power/Wi-Fi)
  - ✓ Informational tool for reducing pupil's exposure.
  - ✓ Educational resource for students about air quality, technology, measurement and health.



# PurpleAir PM Sensor







# Sensor Program Progress

- 49 sensors shipped/installed in 5 rural counties
  - TCAPCD
  - EDC
  - Lake County AQMD
  - Mariposa County APCD
  - Siskiyou County APCD
- More sensors shipments soon

# Health Officers Wildfire Field Operations Guide

- CDPH & CARPA high priority to develop a state guidance document for local health officers, draft release August 2<sup>nd</sup>
- air quality information, debris cleanup, ash, worker safety, air filtration, agency roles and responsibilities, subject matter expert list

# Health Officers Wildfire Field Operations Guide

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Wildfire Smoke

Sensitive Populations

Air Quality

Measurements

Smoke Forecasting

Protective Actions

School Activities

Outdoor Athletic Events

Public Messaging

## For More Information

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